

Contents

List of authors	VII
Preface	XI
Linking epilepsy, sleep disruption and cognitive impairment in Encephalopathy related to Status Epilepticus during slow Sleep (ESES) <i>Guido Rubboli, Carlo Alberto Tassinari</i>	1
Encephalopathy related to Status Epilepticus during slow Sleep: an historical introduction <i>Guido Rubboli, Carlo Alberto Tassinari</i>	3
Encephalopathy related to Status Epilepticus during slow Sleep: from concepts to terminology <i>Edouard Hirsch, Roberto Caraballo, Bernardo Dalla Bernardina, Tobias Loddenkemper, Sameer M. Zuberi</i>	7
A commentary on Encephalopathy related to Status Epilepticus during slow Sleep: from concepts to terminology <i>Carlo Alberto Tassinari, Guido Rubboli</i>	17
Encephalopathy with continuous spike-waves during slow-wave sleep: evolution and prognosis <i>Roberto Caraballo, Elena Pavlidis, Marina Nikanorova, Tobias Loddenkemper</i>	19
EEG features in Encephalopathy related to Status Epilepticus during slow Sleep <i>Elena Gardella, Gaetano Cantalupo, Pål G. Larsson, Elena Fontana, Bernardo dalla Bernardina, Guido Rubboli, Francesca Darra</i>	25

Quantitative EEG analysis in Encephalopathy related to Status Epilepticus during slow Sleep

Gaetano Cantalupo, Elena Pavlidis, Sandor Beniczky, Pietro Avanzini, Elena Gardella, Pål G. Larsson	37
Update on the genetics of the epilepsy-aphasia spectrum and role of GRIN2A mutations	
Gaetan Lesca, Rikke S. Møller, Gabrielle Rudolf, Edouard Hirsch, Helle Hjalgrim, Pierre Szepetowski	49
Pathophysiology of encephalopathy related to continuous spike and waves during sleep: the contribution of neuroimaging	
Michael Siniatchkin, Patrick Van Bogaert	55
Interictal epileptiform discharges in sleep and the role of the thalamus in Encephalopathy related to Status Epilepticus during slow Sleep	
Steve A. Gibbs, Lino Nobili, Péter Halász	61
Encephalopathy related to Status Epilepticus during slow Sleep: a link with sleep homeostasis?	
Guido Rubboli, Reto Huber, Giulio Tononi, Carlo Alberto Tassinari	69
Cognitive impairment and behavioral disorders in Encephalopathy related to Status Epilepticus during slow Sleep: diagnostic assessment and outcome	
Alexis Arzimanoglou, Helen J. Cross	77
Progressive intellectual impairment in children with Encephalopathy related to Status Epilepticus during slow Sleep	
Liam Dorris, Mary O'Regan, Margaret Wilson, Sameer M. Zuberi	83
Current treatment options for Encephalopathy related to Status Epilepticus during slow Sleep	
Floor E. Jansen, Marina Nikanorova, Maria Peltola	93
Encephalopathy related to Status Epilepticus during slow Sleep: current concepts and future directions	
Carlo Alberto Tassinari, Guido Rubboli	99
References	105